

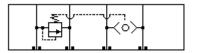


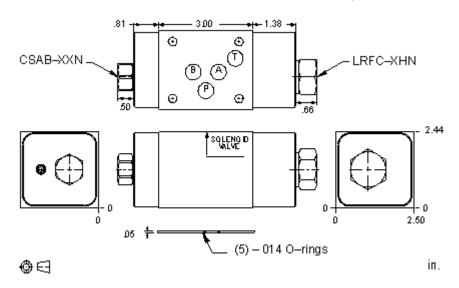
Bypass pressure compensator assembly

CAPACITY: 30 gpm



sunhydraulics.com/model/YFEV





This valve assembly consists of a normally-closed bypass style compensator on the P port and a shuttle that senses pressure from the higher of the 2 work ports. Its purpose is to provide a relatively constant pressure drop across the directional valve thus isolating the directional valve spool from high flow forces. This is accomplished by bypassing the excess oil to the T port. The constant drop creates a pressure compensated flow control out of the directional valve.

## **TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Body Type	Sandwich
Interface	ISO 05
Body Features	Meter in P
Seal Plate Included (see notes)	Yes
Stack Height	2.49 in.

## **NOTES:** • Stack height value in technical data table includes seal retainer plate.

- For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.
- *Important:* Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.

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**CONFIGURATION OPTIONS** 

Model Code Example: YFEVXHNBA

CONTROL (X) DIFFERENTIAL PRESSURE (H) SEAL MATERIAL (N)

 X
 Not Adjustable
 H
 200 psi (14 bar)
 N
 Buna-N

 D
 50 psi (3,5 bar)
 V
 Viton

 F
 100 psi (7 bar)

**G** 150 psi (10,5 bar)

PRIMARY CARTRIDGE (B)

B (with LRFC primary cartridge, Normally closed, modulating element)

B (with LRFCL primary cartridge, Tuneable, normally closed, modulating element)

## **INCLUDED COMPONENTS**

В

Part	Description	Quantity
340-001*	Pipe Plug	1
500-001-014*	O-Ring	5
700-001*	Seal Plate	1
CSABXXN	Cartridge	1
LRFCXHN	Cartridge - Primary	1

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